What is claimed is:

1. An image-processing apparatus comprising:

a memory that stores raster data obtained by scanning graphic image; and

a processor connected to said memory; wherein

said processor extracts line graphics based on the raster data;

said processor generates vector data along the extracted line graphics;

said processor detects information concerning line widths of the extracted line graphics;

said processor extracts an enclosed area surrounded by the extracted line graphics; and

said processor detects information concerning a color within the extracted enclosed area.

2. The image-processing apparatus according to the claim 1, further comprising:

a storage unit that stores said vector data and said information concerning the color within the enclosed area.

3. The image-processing apparatus according to the claim 2, wherein said storage unit further stores said information concerning the line widths.

4. The image-processing apparatus according to the

claim 1, wherein said processor selects multiple internal points within the extracted enclosed area and detects the color within the extracted enclosed areas based on color information of the multiple internal points

5.   The image-processing apparatus according to the claim 4, wherein said processor generates a histogram of the color information of the multiple internal points and executes statistical processes based on the histogram to detect color within the extracted enclosed area.

6.   The image-processing apparatus according to the claim 1, wherein said processor further detects information concerning a color of line graphics.

7.   The image-processing apparatus according to the claim 2, wherein said processor further detects information concerning a color of line graphic, and

said storage unit further stores information concerning the color of said line graphics.

8.   The image-processing apparatus according to the claim 1, wherein said vector data are generated by converting the line graphics into core line graphics.

9.   The image-processing apparatus according to the claim 1, wherein said processor compares the line widths of the line graphics with a specified threshold value and generates said vector data according to comparison results.

10. The image-processing apparatus according to the claim 1, wherein said image processing apparatus is built into a scanner.

11. The image-processing apparatus according to the claim 1, wherein said image processing apparatus is built into a server that provides image-processing services.

12. The image-processing apparatus according to the claim 1, wherein said image processing apparatus is built into a printer.

13. An image-processing method comprising the steps of:

receiving raster data obtained by scanning graphic image;

extracting line graphics based on the raster data; generating vector data along the extracted line graphics;

detecting information concerning line widths of the extracted line graphics;

extracting an enclosed area surrounded by the extracted line graphics; and

detecting information concerning a color within the extracted enclosed area.

14. An image-processing method comprising the steps of:

receiving raster data obtained by scanning graphic

image;

extracting line graphics based on the raster data;
generating vector data along the extracted line graphics;
detecting information concerning line widths and a color
within the extracted line graphics;

extracting an enclosed area surrounded by the extracted
line graphics;

detecting information concerning a color within the
extracted enclosed area; and

storing said vector data, information concerning the
line widths and the color of the line graphics, and information
concerning the color within the enclosed area.

15. The image-processing method according to the claim
14, wherein said vector data are generated by converting the
line graphics into core line graphics.

16. The image-processing method according to the claim
14, further comprising the step of comparing the line widths
of the line graphics with a specified threshold value;
wherein said vector data are generated according to comparison
results.

17. A program product for image processing, said
program product causing a computer to execute the procedures
of:

receiving raster data obtained by scanning graphic

image;

extracting line graphics based on the raster data;

generating vector data along the extracted line graphics;

detecting information concerning line widths of the extracted
line graphics;

extracting an enclosed area surrounded by the extracted
line graphics; and

detecting information concerning a color within the
extracted enclosed area.

18. A program product for image processing, said
program product causing a computer to execute the procedures
of:

receiving raster data obtained by scanning graphic
image;

extracting line graphics based on the raster data;

generating vector data along the extracted line graphics;

detecting information concerning line widths and a color
within the extracted line graphics;

extracting an enclosed area surrounded by the extracted
line graphics;

detecting information concerning a color within the
extracted enclosed area; and

storing said vector data, information concerning the
line widths and the color of the line graphics, and information

concerning the color within the enclosed area.